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SYSTEM FOR CONVERTING THERMAL TO MOTIVE ENERGY

Applicant and Inventor:	Gerhard Stock [DE/DE] Friedenseiche 1 56850 Enkirch (DE)
Agent:	Bernd Becker Patent Attorneys Becker & AUE Saarlandstrasse 66 55411 Bingen (DE)

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(57) Abstract: The invention relates to a system for converting thermal to motive energy. Said system comprises at least one pressure vessel (1, 2, 3, 4), having at least one upper injection orifice (5, 6) for a warm and/or cold fluid, and at least one liquid piston pump (25) inside the pressure vessel (1, 2, 3, 4) which is coupled with a working cycle (8). The pressure vessel (1, 2, 3, 4) has a horizontal partition (27) that is provided with a bore (26). Above said partition (27), a gas or gas mixture is present, and below the partition (27), the liquid piston pump (25) is located.